CURRICULUM VITAE
MUHAMMAD REHAN

Address: H.No.776 Data Nager Sec. 8/A ST.16 Orangi Town Karachi, Pakistan
Cell# +923122955826, +923222190349
E-mail ID: rehanbme024@gmail.com , rehanbme312@gmail.com

Career Objective:

- An experience Bio Medical Engineer with a certification and professional work experience, seeking a challenging position to contribute competitive work environment with opportunities for further professional growth in reputed Organization.

Key Skills:

- Management
- Sales & Marketing, Team work, Promotion, Coordination, Business Development, Target achiever, Hospital& Health Care, Market Research
- Installation of Medical Device and Equipment
- Communication, Customer Support, Customer Relation Ship, Sales Territory
- Software Application (C-language, AutoCAD, MS Office, Proteus, KEIL micro vision)
- Speak Read and Write Urdu and English languages.

Professional Experience:

Sales and Service Engineer, Universal Enterprises Karachi, Pakistan, January, 2021- Present
Highlight: Sales
Sales of Medical Devices, Equipments, Plants, Endoscopy surgery Instruments, Heart Lung Machine, Anesthesia Machine, Critical care and Surgical Disposables
Key Responsibility:

- Sales Territory of Govt. and Private Hospital Karachi
- Meeting with High value customers (Director, Managers/Doctors/Engineers/Purchase) of Hospital.
- Make appointment and activity
- Complete Installation and Demonstration of equipment.
- Attend Tender and works

Project:

- Skills and simulation Lab
- Rehabilitation Centre
- Dialysis Centre
- Hospital Waste Management System
- Oxygen Generation Plant

Self Employed, Coaching Centre, Karachi, January 2017- March 2020
Medical Services Officer, PharmEvo Pvt. Ltd. Karachi, Pakistan September 2016 – December 2016
Highlights: Sales
Sales Representative of Medicine
Key Responsibility:

- Sales Territory of Govt. & Private Hospital/Institution & clinics of old city Karachi
- Meeting with Doctors
- Conduct Activities on product

Sales and Services Engineer, Universal Enterprises Karachi, October 2014 – June2015
Highlights: Sales

- Promote Sales of a critical care product Dialysis Machine, Dialysis Disposables and Dialysis Solution, in other Reverse Osmosis Plant & Dialysis solution Mixing Plant, provide technical solution about organization Project, and work on to develop Business of the Organization, Support to include troubleshooting & maintenance.

Key Responsibilities:

- Sales Territory of Govt. & Private Hospital Karachi
- Meeting with Doctors/ Engineers/Technician/Purchase/Manager/Director
- Attend Tender
- Installation, Troubleshooting, Maintenance and observe/resolve technical problem about equipment/product handling by user/customer

Trainee and Internee Experience:

- June 2014 to August 2014: Trainee Sales and Service Engineer, Medical Technologies Karachi
- July 2013 to November 2013: Internee, Universal Enterprises Karachi (Service Department)

Education:

N.E.D University of Engineering & Technology Karachi, July 2014

- Bachelor of Engineering in Bio Medical (Bio Stream),

Final year project:

- Proteomic analysis of Cyanobacteria along the coast of Karachi
  Its Research based Project, associated neurodegeneration (formerly called Halloverdenspatz syndrome) is disorder of the nervous system which are also found in human, to control this
  - Type of disease we discover a protein called Pantothenate Kinase which can help researcher to research more.

Other Project:

- LDR, Tachometer, Goniometer, Micro controller Based Motor Controller circuit

Seminar Attended:

- "GRE – What, Why & How?"2012, IEEE NEDUET Branch Karachi

Accolades:

- Receive Certificate of Participation from IEEE

Technical Exhibition:

- SENTEC (Science, Engineering & Technology) 2011, NEDUET Karachi
- Project: Worked on Solar Oven & Sterling Engine

Accolades:

- Receive Certificate of Appreciation from the Society for Promotion of SENTEC

Board of Intermediate Education Karachi, May2008

- Intermediate (HSC) In Pre Engineering

MS Office:

- Three Months Training Program-AGICS (Al-Ghouse Inst. Of Comp & Sci.) Tech®, Karachi

Accolades:

- Certificate in Computer Technology from AGICS Tech®

Board of Secondary Education Karachi, March2006

- Matriculation (SSC) In Science

Online Certified:

- Executive Diploma in Business Communication, uniathena Athena Global education 6 April 2022
- Executive Diploma in strategic Project Management, uniathena Athena Global education 6 April 2022
- Executive Diploma in Business Administration, uniathena Athena Global education 10 April 2022
- Attend: How to develop a new multiplex SARS-CoV-2 Variant neutralizing antibody assay in a day 2nd June 2022
- Attend: Lung protection in Anesthesia Brussels, Belgium European accreditation council for continuing medical education (EACCME®) For a maximum of 1 European CME Credits (ECMEC®s) 13th Dec 2022

Personal Appearance:

- Father's Name : Muhammad Aslam
- Date of Birth : 27/09/1989
- Gender : Male
- C.N.I. C# : 42401-2732603-7
- Nationality : Pakistani
- Languages : Urdu, English
- Marital Status : Single
- Religion : Islam
- Domicile P.R.C. : Karachi (Sindh)

References:

- Will be furnished on request

uniathêna

06, April 2022

uniathêna
ATHENA GLOBAL EDUCATION

Muhammad Rehan

has successfully completed

EXECUTIVE DIPLOMA IN BUSINESS COMMUNICATION

This course has been developed and delivered by UniAthena

Col (Rtd) Anil Ahluwalia
Academic Director | UniAthena

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10, April 2022

Muhammad Rehan
has successfully completed

DIPLOMA IN BUSINESS ADMINISTRATION

This course has been developed and delivered by UniAthena

Col (Rtd) Anil Ahluwalia
Academic Director | UniAthena

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ATHENA GLOBAL EDUCATION

42401-2732603-7

موجودہ پتہ : مکان نمبر 776، سٹریٹ نمبر 16، سیکٹر 8 اے، محلہ
داتا نگر اورنگی ٹاؤن، کراچی غربی

مستقل پتہ : مکان نمبر 776، سٹریٹ نمبر 16، سیکٹر 8 اے، محلہ
داتا نگر اورنگی ٹاؤن، کراچی غربی

103571579157

Registrar General of Pakistan

گمشدہ کارڈ ملنے پر قریبی لیٹر بکس میں ڈال دیں

UNIVERSAL ENTERPRISES

January 21, 2014

To whom it may concern

This is to certify that following students of NED University of Engineering & Technology Karachi has successfully done internship in Bio-Medical Engineering from Universal Enterprises from 01st July – 30th Nov. 2013.

JAWAD AHMED KHAN
ROLL NO. BO-08038

MUHAMMMAD REHAN
ROLL NO. BO-08024

For Universal Enterprises

29-Block-3 Overseas Co-Operative
Housing Society Stadium Road,
Karachi-74800,Pakistan.

ISO 9001:2008 CERTIFIED

Tel : 92-21-34943857,34930695,34930755
Fax : 92-21-34923878,34930740
E-mail : salesnmkt@universalenterprisespk.com

Serial. No 19915

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

OFFICE OF THE CONTROLLER OF EXAMINATIONS

BACHELOR OF BIO-MEDICAL ENGINEERING (Bio stream)

TRANSCRIPT OF ACADEMIC RECORDS

Name of Student: MUHAMMAD REHAN
Father's Name: MUHAMMAD ASLAM
Seat No : BO-08024
Enrolment No : NED/1022/08-09

Admitted In JAN 2009
Graduated In JUL 2014
Batch : 2008-2009

Academic Year	COURSE TITLE	COURSE NO	THEORY Hrs/ Week	THEORY Total Hrs	THEORY Marks 100	PRACTICAL Hrs/ Week	PRACTICAL Total Hrs	PRACTICAL Marks 50	Weighted Marks	Rank in TOP FIVE
I	Physics	MS-126	2	60	53	1	30	30	82.1	NIL Out of 36 Students
	Pakistan Studies / Pakistan Studies (For Foreigners)	HS-105/127	2	60	67	-	-	-		
	English	HS-102	2	60	48	-	-	-		
	Computer Aided Engineering Graphics	BM-108	-	-	-	2	60	50/100		
	Chemistry	BM-106	2	60	57	1	30	25		
	Basic Electronics	BM-105	2	60	62	1	30	44		
	Biochemistry	BM-104	2	60	52	1	30	37		
	Physiology	BM-103	3	90	60/150	1	30	27		
	Anatomy	BM-102	3	90	60/150	1	30	29		
	Introduction to Biology (For Pre-Engineering Students)	BM-100	2	60	50	2	60	70/100		
II	Calculus	MS-111	2	60	57	-	-	-	128.7	NIL Out of 34 Students
	Islamic Studies/Ethical Behaviour	HS-205/206	2	60	68	-	-	-		
	Basic Electrical Engineering	EE-114	2	60	51	1	30	37		
	Logic Design And Switching Theory	CS-205	2	60	41	1	30	40		
	Biomedical Electronics	BM-208	2	60	67	1	30	37		
	Thermodynamics For Biomedical Engineers	BM-206	2	60	59	1	30	37		
	Biostatistics	BM-205	2	60	50	1	30	40		
	Cellular And Molecular Biology	BM-203	3	90	67/150	-	-	-		
	Biophysics	BM-202	3	90	84/150	-	-	-		
	Engineering Mechanics	BM-201	2	60	40	1	30	29		
	Strength Of Materials	BM-200	2	60	54	-	-	-		
III	Complex Variables & Fourier Analysis	MS-224	2	60	55	-	-	-	121.8	NIL Out of 35 Students
	Linear Algebra & Ordinary Differential Equations	MS-222	2	60	50	-	-	-		
	Programming with C Language	EL-254	2	60	41	1	30	25		
	Electromagnetic Fields	EE-281	2	60	61	1	30	42		
	Circuit Theory	EE-211	2	60	43	1	30	32		
	Electronic Devices And Control System	BM-307	2	60	68	1	30	35		
	Bioinstrumentation & Measurements-I	BM-306	2	60	46	1	30	37		
	Discrete Mathematics & Algorithms	BM-305	3	90	95/150	-	-	-		
	Systems Biology	BM-302	3	90	56*/150	-	-	-		
	Introduction to Fluid Mechanics and Heat Transfer	BM-301	2	60	46	1	30	30		
	Engineering Economics	BF-303	2	60	50	-	-	-		
	Business Communication & Medical Ethics	HS-404	2	60	46	-	-	-		
IV	Digital Signal Processing	EE-493	2	60	40	1	30	32	161.6	NIL Out of 34 Students
	Transport-Phenomena in Biological Systems	BM-412	2	60	54	1	30	37		
	Computational Biofluid Mechanics	BM-410	3	90	100/150	-	-	-		
	Biomaterials	BM-407	2	60	42	1	30	41		
	Biomedical Imaging	BM-406	2	60	40	1	30	36		
	Biosensors	BM-405	2	60	40	1	30	30		
	Biomechanics	BM-404	3	90	86/150	1	30	38		
	Robotics & Control	BM-403	2	60	40	1	30	30		
	Numerical Methods for Biomedical Engineering	BM-401	3	90	76/150	-	-	-		
V	Extensive Training Programme	BM-514	-	-	-	8	240	287/400	344	NIL Out of 36 Students
	Bio Engineering Project	BM-512			-	4	120	130/200		
	Hospital Waste Management	BM[illegible]			47	-	-	-		
	Biotechnology					1	30	30		
	Tissue Engineering					1	30	25		
	Computational Biology					-	-	-		
	Health Care Management					-	-	-		
	Bioinformatics					1	30	31		

ACADEMIC YEAR	I	II	III	IV
NO. OF ATTEMPTS	2	2	1	2

[illegible]ighted Marks 838.2/1500
[illegible]age 55.88
[illegible]SION: Second

*** Failure Condoned**

Checked by [illegible] 01/09/14

Note: Should any error in the Transcript of Academic Records be made inadvertently, the University reserves the rights to correct the same.

Controller of Examinations

Sl. No.
U - 262438

Roll No.
445327

Board of Secondary Education, Karachi

Secondary School Certificate Examination, 2006

SCIENCE GROUP

Certified that **MUHAMMAD REHAN**

Son/Daughter of **MUHAMMAD ASLAM**

whose date of birth is **TWENTY-SEVENTH SEPTEMBER** one thousand nine hundred **EIGHTY-NINE** has duly passed the Secondary School Certificate Examination held in the month of **MARCH 2006** as **a REGULAR** Candidate in the subjects mentioned below and has been placed in GRADE **A** He/She obtained **668** Marks.

COMPONENT I	COMPONENT II
SINDHI SALEES	MATHEMATICS
URDU NORMAL	BIOLOGY
ENGLISH	PHYSICS
PAKISTAN STUDIES	CHEMISTRY
ISLAMIAT	

COMPONENT III

He/She offered **XXXXXXXXXXXXXX**
as Vocational Subjects and has been awarded grade **XXXX**
by his/her Institution on the basis of Internal Assesment.

DATED **28-09-2007**

(PROF. ASIF PASHA SIDDIQUI)
Secretary

Note: This certificate is issued without alteration or erasure.
Please also see on the reverse.

Certificate of Attendance

is hereby presented to

Muhammad Rehan

for attending the session on the topic of **How to Develop a New Multiplex SARS-CoV-2 Variant Neutralizing Antibody Assay in a day**,

held on 22nd June 2022.

Qian Gao	Vanitha Margan	Brett Houser
Qian Gao, PhD *R&D Manager,* *Bio-Plex Immunoassays* *Bio-Rad Laboratories*	Vanitha Margan *Global Product Manager,* *Bio-Plex Immunoassays* *Bio-Rad Laboratories*	Brett Houser *Global Product Manager,* *Bio-Plex Immunoassays* *Bio-Rad Laboratories*

BIO-RAD

EACCME

European Accreditation Council for Continuing Medical Education

Certificate

Lung Protection in Anaesthesia

Brussels, Belgium, 13-12-2022

has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) for a maximum of **1** European CME credits (ECMEC®s).

Each medical specialist should claim only those credits that he/she actually spent in the educational activity.

The EACCME® is an institution of the European Union of Medical Specialists (UEMS), www.uems.eu. Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™. Information on the process to convert EACCME® credits to AMA credits can be found at www.ama-assn.org/education/earn-credit-participation-international-activities.

Live educational activities occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC® credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

Muhammad Rehan

has been awarded 1 European CME Credits (ECMEC®s)
for his/her attendance at this event

PAKISTAN

National Identity Card

ISLAMIC REPUBLIC OF PAKISTAN

Name

Muhammad Rehan

محمد ریحان

Father Name

Muhammad Aslam

محمد اسلم

Gender

M

Country of Stay

Pakistan

Identity Number

42401-2732603-7

Date of Birth

27.09.1989

Date of Issue

09.10.2022

Date of Expiry

09.10.2032

29811

Holder's Signature

BJE B 303143

ROLL NO. 561302

بورڈ برائے انٹرمیڈیٹ تعلیم کراچی

BOARD OF INTERMEDIATE EDUCATION KARACHI

Higher Secondary Certificate 2008

This is to certify that Muhammad Rehan

Son/Daughter of Muhammad Aslam

has successfully completed the **HIGHER SECONDARY CERTIFICATE EXAMINATION** of this Board in Science Group held in the month of May 2008 as a **Regular/Private Candidate** in the subjects mentioned below and has been placed in A **GRADE** by securing 784 **MARKS** in the Aggregate of 1100/1200/200.

(a) Compulsory Subjects:

1. Urdu — Normal I & II / Easy I & II / N.M.T. / Sindhi / History and Culture of Pakistan / Pakistan Studies (For Foreigners)
2. English — Normal / Advance
3. Islamic Education/Civics (c)
4. Pakistan Studies (c)

(b) Elective Subjects:

5. Physics
6. Chemistry
7. Mathematics

Karachi, Pakistan
Dated, the 5th March 2014

SECRETARY

(This Certificate is issued without any alteration or erasing.)

بِسۡمِ اللّٰہِ الرَّحۡمٰنِ الرَّحِیۡمِ

Seat No. BO-08024

Enrolment No. NED/1022/08-09

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

FACULTY of BIOMEDICAL ENGINEERING

BACHELOR OF ENGINEERING

Whereas MUHAMMAD REHAN S/O MUHAMMAD ASLAM... has pursued a course of study prescribed by the University for the Degree of Bachelor of Engineering (BIO-MEDICAL) and has passed the requisite examination held in the year, 2014, having been placed in SECOND Division.

Bio stream

The University hereby confers upon him/~~her~~ the Degree of Bachelor of Engineering (BIO-MEDICAL) ~~at the Convocation of~~ _____.

Bio stream

Registrar

Dean

Vice-Chancellor

OCTOBER 20, 2014